

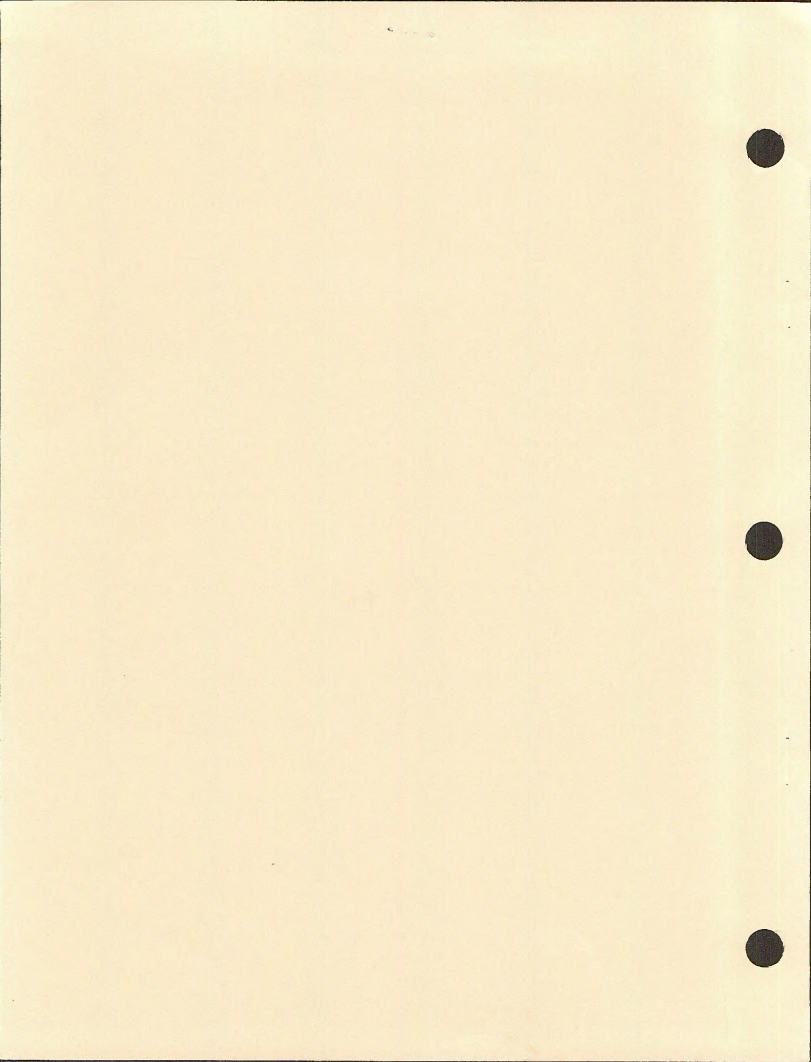
RANGELAND PROGRAM SUMMARY

UPDATE

ALTURAS, EAST SHASTA & MT. DOME PLANNING AREAS



United States Department of the Interior
Bureau of Land Management-- Susanville





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
SUSANVILLE DISTRICT OFFICE

705 Hall Street
Susanville, California 96130

IN REPLY REFER TO:

(C-020)

Dear Reader:

Attached is our 1988 Rangeland Program Summary Update for the Alturas, East Shasta and Mt. Dome Planning Areas. It is part of our effort to keep you informed on the Susanville BLM District's Range Management Program.

The progress to date has been slower than I would like which has been due primarily to limited resources with which to implement intensive grazing management. However, since the completion of the initial Range Program Summary, we have increased intensive livestock management from 43% to 59% of the licensed AUMs in the three planning areas.

To date public support and assistance has been gratifying and productive. The assistance includes a broadly based thirteen member Riparian Steering Committee to help with project development and planning for the entire Resource Area. I encourage your continued participation and feel that together we can put our planning efforts to work to best meet our public and resource needs.

Sincerely yours,

C. Rex Cleary
District Manager

202

BLM LIBRARY
SC-324A, BLDG. 50
DENVER FEDERAL CENTER
P. O. BOX 25047
DENVER, CO 80226-0047

RANGELAND PROGRAM SUMMARY UPDATE

FOR THE

ALTURAS, EAST SHASTA AND MT. DOME
PLANNING AREAS

JULY 1988

U.S. Department of the Interior
Bureau of Land Management
Susanville District

RECEIVED
JAN 10 1964
U.S. AIR FORCE
RECEIVED
JAN 10 1964

TABLE OF CONTENTS

	Page
Previous Actions Relating to this Document	1
INTRODUCTION	1
Purpose	1
OVERVIEW	2
RANGE MANAGEMENT PROGRAM	3
A. Range Management Program Progress to Date	3
B. Range Management Program that is Proposed	4
1. North Tablelands Allotment	4
2. South Tablelands Allotment	4
3. Pine Creek Mesa Allotment	4
4. South Graves Allotment	5
5. North Graves Allotment	5
6. Mackey Allotment	5
7. Westside Allotment	5
8. Bailey Dorris Allotment	5
9. Portuguese Flat Allotment	5
10. Strip Allotment	5
11. Russell Slough Allotment	6
12. Crowder Allotment	6
13. Dixie Valley Allotment	6
14. Bald Mountain Allotment	6
15. River Pasture Allotment	6
16. Muck Valley Allotment	7
17. Thompson Allotment	7
18. Terno/Lane Allotment	7
19. Cold Springs Allotment	7
20. Tule Lake Allotment	7
21. Nelson Corral Allotment	8
22. Silva Flat Allotment	8
23. Said Valley Allotment	8
24. North Ash Valley Allotment	8
25. South Ash Valley Allotment	8
26. Anderson Allotment	9
27. South McDonald Allotment	9
28. McDonald Mountain Allotment	9
29. Dry Cow Allotment	9
30. Rocky Prairie Allotment	9
31. Six Mile Hill Allotment	9
32. Archgate Allotment	9
33. Moon Spring Allotment	10
34. Hogback Ridge Allotment	10
35. North Red Rock Lake Allotment	10
36. Mahogany Mountain Allotment	10
37. East Field Allotment	10
38. Mitchell Hill Allotment	10
39. Rimrock Allotment	10

TABLE OF CONTENTS (Continued)

	Page
40. Ryegrass Swale Allotment	11
41. South Fork Allotment	11
42. Coyote Ridge Allotment	11
43. South Red Rock Lake Allotment	11
44. Modoc Gulch Allotment	11
45. Big Tablelands Allotment	11
46. Bloody Point Allotment	11
47. Windmill Allotment	12
RESOURCE PROTECTION	12
A. Standard Operating Procedures	12
B. Mitigation Measures	13
C. Monitoring Program	14
Range	14
Program Implementation	15
Opportunity for Protest	16
TABLE I	17
TABLE II	21

RANGELAND PROGRAM SUMMARY UPDATE

Previous Actions Relating to this Document

Draft Alturas RMP/EIS	April, 1983
Final Alturas RMP/EIS	October, 1983
Draft Redding EIS (East Shasta Unit)	March, 1983 <u>1/</u>
Final Redding EIS (East Shasta Unit)	August, 1983
Draft Mount Dome EIS	September, 1980 <u>1/</u>
Final Mount Dome EIS	January, 1981

For detailed information on livestock grazing management alternatives, range conditions, analysis of the management alternatives, etc. of the Draft and Final Alturas Resource Management Plan/Environmental Impact Statements are available at the Susanville, California or the Alturas Area Office in Alturas, California.

INTRODUCTION

This program report summarizes actions completed since the Initial Rangeland Program Summaries (RPS) were prepared for the Mt. Dome Planning Area in 1982 and the Alturas and East Shasta Planning Areas in 1984.

The Initial Rangeland Program Summaries stated the process that would be used for determining grazing management for the three planning areas. Briefly, the process entails four steps: 1) The Initial RPS, which summarizes the Bureau of Land Management proposals for grazing management and describes the current conditions and the consultation process; 2) The AMP development and consultation phase, where proposals for management will be reviewed by representatives of the affected parties; 3) The RPS update, which will reflect the modification or verification of the management proposals based on input during the AMP development and consultation process; 4) The issuance of individual rancher agreements/decisions after AMP development and/or monitoring data is available to the authorized officer.

The management actions proposed in this document are designed to meet the land use objectives and goals identified in the Alturas and Redding's Land Use Plan Summaries. Modifications suggested during the AMP development and the consultation process will be used to help meet the land use plan objectives.

In selecting the management proposals, major consideration was given to developing long term, natural resource capabilities of the area, while reducing or mitigating adverse environmental and socioeconomic impacts. These proposals are in full agreement with the intent of NEPA to restore and enhance the quality of the human environment, yet avoid or minimize possible adverse effects on the human environment.

1/ The administrative transfer of the East Shasta and Mt. Dome Planning Areas to the Susanville District in 1982, resulted in the reprioritization of allotments in these two areas to fit into the schedule for all allotments in the expanded Alturas Resource Area. Basically, smaller and less environmentally critical allotments were moved further back into the Allotment Management Plan development schedule. The East Shasta Unit of the Redding Planning Area and the Mt. Dome Planning Area were transferred from the Redding District in August, 1982.

OVERVIEW

The area has been grazed by livestock for over 100 years. Excessive livestock grazing from the 1800's to 1930's took its toll on the planning area's rangeland and many of today's problems are more a result of early grazing practices than current practices. Two areas in the Madeline and Alturas Planning Units were significantly impacted by additions to the Modoc National Forest and fencing of its boundaries in the late 1920's and early 1930's. Livestock were forced off these National Forest lands onto Public Domain lands and exaggerated claims of historical use on Public Domain land by the applicants occurred during the priority years (1929 - 1934) of the Taylor Grazing Act. These particular lands were substantially overstocked by 1938 when the last applications were accepted and remained overstocked until the adjudication period. Grazing use was unregulated in the East Shasta and Mt. Dome planning areas until 1952, when the areas were put under section 15 lease. During the livestock adjudication period of the 1960's, livestock AUMs were reduced and forage allocations were made for wildlife use within the planning areas. A total of 10,481 AUMs were allocated for wildlife use. In the three EIS areas, agriculture and livestock grazing are primary industries and are important to the local and regional economics.

During the vegetation ecological condition inventories, the condition of the major range sites was analyzed. These inventories indicate the following:

Excellent Condition	3.3%
Good Condition	19.7%
Fair Condition	36.1%
Poor Condition	8.6%
Wood Land	17.6%
Unsurveyed	13.2%
Unsuitable	1.5%
	<u>100.0%</u>

Woodland range sites were not rated for range ecological condition class as per the existing Soil Conservation Service requirements under this classification system. The unsurveyed acres resulted from unfinished SCS soil surveys, lower funding levels to hire temporary employees for inventory and the scattered land pattern involved with unsurveyed allotments. Unsuitable range includes those areas with slopes steeper than 50% or areas of rockland talas, lava flows or cliff areas.

In the three EIS areas there are 120 operators and 160 allotments. All of the allotments are licensed for cattle with the exception of three sheep operators in the Tule Mountain, Modoc Gulch and Barntop Allotments. Additionally, there is one sheep trailing permit. There are 55,878 active AUMs and 33,666 suspended AUMs for a total grazing preference of 89,529 AUMs. There are 10,481 AUMs allocated to wildlife. There were fourteen (14) existing Allotment Management Plans (AMPs) in the three planning areas prior to the development of the latest Land Use Plans. Combined, these existing AMPs provided intensive livestock management for 33% of the total acres and 43% of the Active AUMs in the three planning areas. These AMPs have been in place since the late 1960's or early 1970's.

RANGE MANAGEMENT PROGRAM

The proposed Range Management Program establishes a method for implementing intensive grazing management and incorporates the land use goals of the Proposed Actions of the Alturas and Redding EISs and their land plans.

The Bureau has implemented policy which places all allotments in selective management categories. These categories are improve ("I"), maintenance ("M"), and custodial ("C"). Selective management directs funds, monitoring emphasis and management where they will be the most effective. Major emphasis for development is for the "I" Category allotments. These categories are listed in Table I, page 19.

Emphasis for development will be to implement grazing systems to allow seasonal rest or deferred grazing of the forage plants through the construction of fences. Additionally, stockwaters will be developed to better distribute livestock to alleviate grazing pressure on existing reservoirs and riparian areas. Vegetation manipulation will be used to balance forage conditions between pastures and to bring range sites back to productivity levels that are indicated by the Soil Conservation Service range site descriptions. Of the 59,430 acres identified for vegetation conversions, only certain portions would be converted to meet the above objectives and these will be determined during the AMP development and user/interested party consultation phase.

On selected intensively managed allotments, where the grazing systems provide a rest treatment, grazing utilization may be authorized for heavy use (60%-80%). Utilization levels will be set at moderate (40%-60%) on all other allotments.

The speed of development and implementation of future AMPs is dependent upon funding levels and the amount of contributed funds that can be solicited.

A. Range Management Program Progress to Date

1. The original 14 AMPs have been maintained and monitored. Monitoring was upgraded where it was warranted.
2. During Fiscal Year 1983 the following AMPs were developed in consultation with user and other interested groups:

<u>New AMP Written</u>	<u>Acres</u>	<u>AUMs</u>
Dixie Valley	16,332	1,291
Silva Flat	14,750	1,239
West Side	5,139	515
Crowder	2,231	160
Bloody Point	599	96
	<u>39,051</u>	<u>3,311</u>

3. During Fiscal Year 1984 the following AMPs were developed or modified in consultation with users and other interested groups:

<u>New AMP Written</u>	<u>Acres</u>	<u>AUMs</u>
Dry Cow	5,203	1,103
Said Valley	826	60
Parcel added to Klamath Forest AMP	320	59

4. During Fiscal Year 1985 the following AMPs were developed or modified in consultation with users and/or other interested parties:

<u>New AMP Written</u>	<u>Acres</u>	<u>AUMs</u>
Bald Mountain	9,547	677
Mahogany Mountain	4,699	373
N. Red Rock Lake	1,279	54
<u>AMP Revision</u>		
N. Tablelands	23,120	4,010
Russell Slough/Capik		

This will bring the three planning area totals under intensive livestock management to 51% of the acres and 59% of the active AUMs.

B. Range Management Program that is Proposed

The following is a list of the "I" (improve) and "M" (maintain) category allotments that have existing AMPs or will have AMPs developed for them in the future planning years. The proposed range improvement projects listed below are best estimates and the estimates will be refined during the AMP development and user/interested party consultation phase. "C" (custodial) category allotments will receive minimal funding until the "I" and "M" allotments and land use plan objectives are realized.

1. North Tablelands Allotment

This AMP was revised in 1985 to reflect the addition of the Signal Butte Pasture to this allotment. It is proposed to construct one reservoir and to experimentally burn and seed 1,000 acres infested with Medusahead. The present three pasture rest rotation grazing system and monitoring will be maintained. One Habitat Management Plan was developed for Fitzhugh Creek in 1977 and a watershed Best Management Practice Plan was developed for the Tablelands in 1983.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

2. South Tablelands Allotment

This is an existing AMP with three pastures. It is proposed to experimentally burn and seed 1,000 acres infested with Medusahead. The present grazing system and monitoring will be maintained.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

3. Pine Creek Mesa Allotment

This is an existing AMP with two pastures. The present grazing system and monitoring will be maintained. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

4. South Graves Allotment

This is an existing AMP with four pastures. It is proposed to build one reservoir and burn and release 4,000 acres. The present grazing system and monitoring will be maintained. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

5. North Graves Allotment

The North Graves and Mackey AMPs were revised and combined in 1984. Three miles of electric fence were erected to form six pastures and 390 acres were burned and seeded. The amount of monitoring has been increased.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

6. Mackey Allotment

See North Graves Allotment discussion.

7. Westside Allotment

This AMP was written in 1983. The AMP combined the Bailey-Dorris Allotment with the Westside to form two pastures. Four reservoirs have been constructed and it is proposed to burn and seed 1,000 acres. Monitoring was implemented in 1984. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

8. Bailey Dorris Allotment

See Westside Allotment discussion.

9. Portuguese Flat Allotment

This is a future AMP for development with possible two pastures. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

10. Strip Allotment

This is a future AMP for development. It is proposed to combine this allotment with the adjacent Emigrant Springs Allotment on the Modoc National Forest. There is an 8 1/2 mile unfenced boundary between the two allotments and one wild horse herd summers on both allotments. The Emigrant Springs horse herd was brought down to management numbers in 1983 and 280 AUMs will be allocated to wild horses. The herd Management Area Plan was revised in 1984 and the herd will be gathered yearly to maintain numbers. It is proposed to develop two reservoirs in this allotment for livestock and wild horses. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

11. Russell Slough Allotment

This AMP was revised in 1985. The Capik Allotment was combined with Russell Slough Allotment to form three pastures. It is proposed to construct one well. Monitoring was upgraded in 1985.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

12. Crowder Allotment

This AMP was written in 1983. Two reservoirs were built in 1985, and 2 1/2 miles of fence were build in 1985 and 1986. Monitoring was established in 1984. Two federal pastures will be deferred rotated in conjunction with one private pasture.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

13. Dixie Valley Allotment

This AMP was written in 1983. Four pastures will be used in rotation with two adjacent Forest Service allotments. Three miles of fence were constructed in 1984 with contributed funds and 4 reservoirs were constructed in 1986. A watershed Best Management Practice Plan was written in 1983 and livestock will be excluded from a meadow complex. Monitoring was initiated in 1984.

14. Bald Mountain Allotment

This AMP was written in 1985. Bald Mountain Allotment and River Pasture Allotment were combined to be managed as three pastures. One reservoir and 4.5 miles of fence have been constructed. Approximately 2,000 acres will be burned and released in the fall of 1988. Appropriate areas will be managed under the Interim Management Policy for wilderness Study Areas until Congress determines a final designation.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

15. River Pasture Allotment

See Bald Mountain Allotment discussion.

16. Muck Valley Allotment

This is a future AMP for development. It is proposed that a three or four pasture grazing system be developed using existing pastures and that one reservoir and one spring be developed. Additional consultation with the range user and interested parties is needed due to its proximity to the Pit River Canyon Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

17. Thompson Allotment

This is a future AMP for development. It is proposed that this may be a two or three pasture system. Additional consultation with the range user and interested parties is needed due to its proximity to the Pit River Canyon Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines final designation.

18. Temo/Iane Allotment

This allotment is in the "I" improve category but it is not presently being considered for AMP development. This is due to a pending land exchange proposal that would eliminate federal grazing control of this allotment. This exchange is in the final stages of completion.

19. Cold Spring Allotment

This is an existing AMP with four pastures. It is proposed to develop six new reservoirs and to burn and release 5,000 acres in future years. The present grazing system and monitoring will be maintained.

20. Tule Lake Allotment

This is an existing AMP with three pastures. The range users have voluntarily taken a 30% reduction in use, since 1979, to try and improve range conditions. Both range and wildlife interests recognize that improved forage production could be achieved if big sagebrush and juniper control was implemented. It is proposed that two reservoirs be built and that 18,400 acres be burned and released. Additional consultation with the range user and interested parties is needed due the Tule Mountain Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation. A watershed Best Management Practices Plan is being developed for portions of this allotment during this year. The present grazing system and monitoring will be maintained.

21. Nelson Corral Allotment

This is an existing AMP with a four pasture rest rotation system. A dependable water supply in some pastures leads to the grazing system frequently having to be modified, but deferment and partial rest is normally achieved.

It is proposed to develop one spring to burn and release 8,000 acres in the allotment. The present grazing system and monitoring will be maintained.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in stocking rate. A Grazing Decision will be issued in 1988.

22. Silva Flat Allotment

This AMP was written in 1983. Four reservoirs were constructed in 1985 to improve livestock distribution. The grazing system and monitoring were implemented in 1984.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

23. Said Valley Allotment

This AMP was written in 1984. The range user installed one mile of electric fence to form two pastures in 1984. Six hundred (600) acres were burned and released in 1985. Monitoring was established in 1985.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for restoring 50 AUMs of Suspended Non-use. A Grazing Decision will be issued in 1988.

24. North Ash Valley Allotment

This is a future AMP for development. It is proposed that two to four pastures be developed and that six miles of fence be built, four reservoirs be developed and 5,000 acres be burned and released. A Research Natural Area was designated in 1984 and a Habitat Management Plan was written in 1985 to protect a threatened and endangered plant complex. RNA/ACEC dual designation will be applied for in 1988. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

25. South Ash Valley Allotment

This is a future AMP for development. It is proposed that the South Ash Valley allotment be combined with the Anderson Allotment for AMP development. It is proposed that two to four pastures be developed and that five miles of fence be built. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

26. Anderson Allotment

See South Ash Valley Allotment discussion.

27. South McDonald Allotment

This is a future AMP for development. It is proposed that this allotment be managed as a two pasture system, to build three miles of fence and develop two reservoirs. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

28. McDonald Mountain Allotment

This is a future AMP for development. Five pastures are presently being used under an informal grazing system. It is proposed that one reservoir be developed and that 5,000 acres be burned and released. Monitoring was implemented in 1985.

29. Dry Cow Allotment

This AMP was written in 1984. This allotment will be managed as three pastures. Approximately, 4,000 acres was burned and released in 1985 and 2 1/4 miles of fence will be built in 1988. Monitoring was implemented in 1984.

30. Rocky Prairie Allotment

This a future AMP for development. It is proposed that two to four reservoirs will be constructed to improve livestock distribution. Monitoring was implemented in 1984.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

31. Six Mile Hill Allotment

This is an existing AMP with three pastures. This AMP may need revision in the future. The present grazing system and monitoring will be maintained.

Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

32. Archgate Allotment

This is an existing AMP with three pastures. This AMP may need revision in the future. Additional consultation with the range user and interested parties is needed due to the Lava Wilderness Study Areas. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation. The present grazing system and monitoring will be maintained.

33. Moon Spring Allotment

This is a future AMP for development. It is proposed to build one mile of fence and see 50 acres. Additional consultation with the range user and interested parties is needed due to the Lava Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation.

34. Hogback Ridge Allotment

This AMP was written in 1988. This allotment will be managed as three pastures. One-half mile of fence has been built and 175 acres were burned and seeded in 1988. One well and one reservoir are proposed to be constructed. Existing monitoring data from 1980 forward will be analyzed, interpreted and evaluated in 1988.

35. North Red Rock Lake Allotment

This AMP was written in 1985. It is proposed to reconstruct two reservoirs, construct one new reservoir, realign one mile of fence and woodcut 100 acres of juniper and seed to grass and forbs. Monitoring was implemented in 1982. The Final Grazing Decision was issued by the Redding District prior to the Northern California Reorganization in 1982.

36. Mahogany Mountain Allotment

This AMP was written in 1985. It is proposed to rotate two existing pastures. Two new reservoirs were constructed in 1982. The Wild Horse Herd Management Area Plan was written in 1985. Monitoring was implemented in 1982. The Final Grazing Decision was issued by the Redding District prior to the Northern California Reorganization in 1982.

37. East Field Allotment

This allotment is not presently being considered for AMP development. It will be managed to maintain the existing vegetation condition. Monitoring was implemented in 1987.

38. Mitchell Hill Allotment

This is a future AMP for development. One reservoir was developed in 1984. Monitoring was implemented in 1985.

39. Rimrock Allotment

This allotment is not presently being considered for AMP development. It will be managed to maintain the existing vegetation. A public woodcutting area is located in this allotment and the stand of western juniper is being thinned in the area. Monitoring will be implemented in 1988.

40. Ryegrass Swale Allotment

This is a future AMP for development. Four reservoirs and one spring have been developed. Existing monitoring data from 1980 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

41. South Fork Allotment

This is a future AMP for development. Monitoring was implemented in 1984.

42. Coyote Ridge Allotment

This allotment is not presently being considered for AMP development. It will be managed to maintain the existing seeding and native vegetation condition. Monitoring was implemented in 1982.

43. South Red Rock Lake Allotment

This allotment is not presently being considered for AMP development. It will be managed to maintain the existing seeding and native vegetation condition. Monitoring was implemented in 1982.

44. Modoc Gulch Allotment

This is a future AMP for development. It is proposed to burn and release 800 acres and to allow juniper woodcutting. Monitoring was upgraded in 1986. Existing monitoring data from 1982 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate. An interim grazing system was implemented in 1987.

45. Big Tablelands Allotment

This is an existing AMP with four pastures. This AMP needs revision in the future. The existing monitoring was upgraded in 1983. A new interim grazing system was implemented in 1986, when a new operator took over the lease. Existing monitoring data from 1982 was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

46. Bloody Point Allotment

This AMP was written in 1983. One reservoir was reconstructed and one new reservoir was constructed in 1983. The grazing system was implemented and monitoring was upgraded in 1984. Existing monitoring data from 1983 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

47. Windmill Allotment

This allotment is not presently being considered for AMP development. It will be managed to maintain the existing seeding and native vegetation. Two and one-quarter miles of boundary fence were built and 290 acres of juniper were dozed in 1982. The 290 acres were seeded in 1983, and an excellent stand of grass and forbs is now on the site. Monitoring was established in 1985. Existing monitoring data from 1983 forward was analyzed, interpreted and evaluated in 1987. The resulting recommendation called for no change in the stocking rate.

RESOURCE PROTECTION

The proposed alternatives in the land use plans include restrictions on disturbing activities on sage grouse strutting grounds, livestock exclusion from 20 miles of riparian habitat, livestock exclusion from 70 meadow habitats, fencing of 50 acres of aspen stands in Tule Lake and Cold Springs allotments for aspen recruitment, fencing of four miles of Horse Creek to protect cultural sites, protection of sensitive plant species by fencing or buffer zones, improvements of the Sheep Valley riparian and meadow habitats by managing 350 acres and managing four Wilderness Study Areas under Interim Guidelines until Congress makes final designation. All AMPs will be developed in consultation with the range user and other interested parties. In addition to these resource protection measures, the following Standard Operating Procedures and Mitigating Measures will be followed:

A. Standard Operating Procedures

1. Land treatment areas and seedings will be rested until seedlings are sufficiently established to resist pull-up from grazing.
2. Prescribed burn areas will be rested for two growing seasons after burning.
3. Construction of fences in wildlife use areas will meet BLM specifications to permit the movement of identified wildlife.
4. Livestock watering developments will be made available and safe for wildlife needs.
5. Before construction of range developments and vegetation manipulations, cultural resources will be inventoried and evaluated, and attempts to avoid adverse effects will be made. Where this is not possible, consultation will be made with the State Historic Preservation Officer (S.H.P.O.) and the Advisory Council on Historic Preservation to develop acceptable mitigative strategies in accordance with the Programmatic Memorandum of Agreement (dated June 27, 1986) between the Bureau and the Advisory Council. In addition, the views of responsible spokesmen of the local Native American community will be solicited. Conflicts will be resolved in accordance with 36 CFR 800 and in accordance with the Memorandum of Agreement signed by the California Native American Heritage Commission, the California S.H.P.O., and the BLM.

6. All water projects or projects which could influence the beneficial use of water will conform to BLM Best Management Practices Guidelines.
7. Spring sources generally will be fenced to prevent trampling of the immediate area. Livestock and big game water facilities will be provided outside the enclosure where the water source is important to big game distribution in the area or where necessary to maintain adequate livestock distribution within an allotment.
8. All disturbed areas will be reseeded with native and/or introduced species to provide ground cover.
9. New range developments and maintenance of existing developments within Wilderness Study Areas will meet the Bureau's Interim Management Policy.
10. Site specific endangered species inventories will be completed before any project is initiated. Endangered Species Act, Section 7 consultations will be conducted, if deemed necessary.

B. Mitigation Measures

The following mitigation measures are intended to help reduce or eliminate adverse impacts identified in the EIS. These include specific measures in addition to those already described under Standard Operating Procedures. All mitigation measures pertaining to the selected alternatives will be considered.

1. Increases in authorized livestock use for allotments or pastures not affected by vegetation conversion projects will be made initially in increments on a temporary nonrenewable basis, in order to assess the impacts of increased livestock use. After sufficient data has been collected and analyzed, a portion or all of Suspended Nonuse AUMs may be reinstated. In areas where vegetation conversion is successful, an increase in livestock AUMs may occur after two to three growing seasons.

These mitigation measures will prevent active preference from being increased to a level that would harm other resources before the impacts are known.

2. Livestock turnout areas will be rotated from year to year in AMP allotments, or where turnout areas stay the same, the period of use will not exceed three weeks.

This mitigation measure will prevent persistently heavy livestock concentration in specific area, thus enhancing the distribution and over utilization of preferred forbs and browse species.

3. Salt or mineral blocks will be located, and spring developments designed, to encourage livestock use away from spring meadows. Where monitoring shows that livestock grazing continues to degrade meadow values, fencing and/or rehabilitation will be considered.

Spring meadows provide important wildlife habitat and contain watershed values easily disturbed by excessive concentrations of livestock. This mitigation measure will minimize livestock trampling and vegetation destruction within these spring meadows and ensure further protections, if needed.

4. For all proposed seedings, suitable perennial forbs, grasses, and browse will be included in the seed mixture and about 20 percent of the total area treated will be left in native vegetation to provide interspersions within the seeded area.

These measures will reduce the loss of pronghorn spring forage caused by seedings, maintain habitat diversity, and prevent the displacement of wildlife.

5. Enclosures to livestock will be actively maintained by BLM and will be constructed with a gate.

Good maintenance will ensure that a good fence is there to keep cattle, including calves out, and the gate can be used to release animals that may become trapped inside.

6. Areas treated by prescribed burn or herbicides will contain leave areas where necessary to protect bitterbrush, mahogany or other browse and cover stands.

These species are vital to wintering deer population and are very difficult to reestablish after treatment.

7. The Best Management Practices for protection of water quality will include sitespecific mitigation measures and management prescriptions.
8. Use of check dams or other erosion control structures will be used to decrease accelerated erosion resulting from livestock grazing or other management activities.
9. New range development and maintenance of existing developments within Wilderness Study Areas will meet the Bureau's Interim Management Policy.
10. Site specific endangered species inventories will be completed before any project is initiated. Endangered Species Act, Section 7 consultation will be conducted, if deemed necessary.

C. Monitoring Program

Range

Monitoring will be conducted at two levels, each to answer a different set of questions. The first level would assure that grazing use is actually following the grazing plan. The second level would determine if the grazing plan is accomplishing the objectives set forth in the plan.

As Allotment Management Plans are developed, a detailed monitoring plan would be made part of each AMP. The monitoring system will be designed and tailored to the allotment.

The information elements of the grazing use monitoring programs are outlined below:

1. Monitoring to assure the plan is being followed.
 - a. Actual use.
 - b. Utilization map.
 - c. Permittee/Range Manager inspection tour.
2. Monitoring to meet grazing plan objectives.
 - a. Trend Studies
 - (1) Permanent transects.
 - (2) Permanent photo stations.
 - (3) Trend indicator summary.
 - b. Special resource studies.

Examples might be fisheries, archaeological sites, critical habitat, etc.

Program Implementation

The following steps will be used to implement grazing management:

- Maintain existing AMPs, revise where necessary and maintain existing monitoring.
- Construct range improvements as necessary.
- Implement monitoring system to evaluate effectiveness of the Rangeland Management Program.
- Adjust stocking levels and seasons of use in accordance with monitoring results and in consultation with affected users.

AMPs will be implemented as funds are available and priorities are set with consideration given to the following criteria.

- Number of acres in unsatisfactory condition.
- Potential for resource improvement.
- Seriousness of resource conflicts.
- Economic return from public investment.
- Feasibility of improving management.

Opportunity for Protest and Appeal

Pursuant to the regulations for grazing administration on public lands, the permittees and other effected parties will have the opportunity to protest and appeal the individual decisions. Decisions will be furnished to each affected livestock operator and, by request, to other interested parties. The individual rancher decisions will furnish details, for protest or appeal, if any affected parties wish to exercise that right.

TABLE 1

Proposed Grazing Management

Allotment	Selective Management Category	Permittee or Leasee	No/Class	Season of Use	Active AUMs	Date of AMP Development
1. N. Tablelands	I	Nelson Ranch	525C	4/16-6/22	1190	Revised 1985
		Robert Wilson	1032C 281C	4/16-6/22 6/23-6/30	2382	
		John Younger	151C	6/23-6/30	41	
2. S. Tablelands	M	Robert Flournoy	385C	4/16-6/30	463	1972
		Warren Flournoy	373C	4/16-6/30	933	
		Van Loan Ranch	243C	4/16-6/30	608	
3. Pine Creek Mesa	M	Kunde Limited	171C	4/16-5/31	257	1972
4. S. Graves	I	Likely Land & Livestock	450C	4/16-9/30	1652	1969
5. N. Graves	I	Robert Mackey	148C	4/16-6/30	372	Revised 1984
6. Mackey	I	Robert Mackey	50Y	4/16-6/30	49	Revised 1983
7. Westside	M	Warren Weber	257C	4/1-5/31	513	1983
8. Bailey Dorris	M	Warren Weber	257C	4/1-5/31	513	1983
9. Portuguese Flat	I	Diamond C Ranch	184C	4/16-5/31	276	
10. Strip	M	Ronald Schluter	49C	5/15-9/30	245	
11. Russell Slough	M	Marcel Capik	115C 58C	4/16-5/1 9/28-10/26	119	Revised 1985
12. Crowder	I	Calvin Milhous	53C	5/1-7/30	160	1983

TABLE I (Continued)
Proposed Grazing Management

Allotment	Selective Management Category	Permittee or Lessee	No/Class	Season of Use	Active AUMs	Date of AMP Development
13. Dixie Valley	I	Dixie Valley Ranch	382C 479C	5/15-11/1 5/15-12/1	1291	1983
14. East Field	M	Warren Flournoy	50C 332C	4/16-5/15 5/16-6/30	466	
15. Silva Flat	M	Julian Mapes	111C	5/1-9/30	433	1983
		Jerry Parks	77C	5/1-9/30	285	
		Haskel Parks	43C 2H	5/1-9/30	225	
		Hunt Revoc. Trust	61C	5/1-9/30	305	
16. Mitchell Hill	M	Ralph Deforest	44C	4/16-9/15	219	
		Barbara Jones	5C	4/16-9/15	25	
		Ratliff and Wool	81C	4/16-9/15	401	
17. Rimrock		Kip & Gary Lybarger	109C	4/10-5/10	113	
18. Bald Mountain	I	George Corder	219C 42C	4/16-5/30 10/16-11/30	392	1985
19. River Pasture	I	George Corder	190C	4/16-5/30	285	1985
20. Muck Valley	I	Thomas Vestal	450C 149C	4/1-6/30 7/1-8/15	1371	
21. Thompson	I	W. H. Thompson	92C 300C 76C 40C	4/1-4/30 4/16-4/30 5/1-10/31 5/1-7/31	613	
22. Terno/Lane	I	D. M. Steel & Sons Co.	175C	6/1-8/31	531	

TABLE I (Continued)
Proposed Grazing Management

Allotment	Selective Management Category	Permittee or Lessee	No/Class	Season of Use	Active AUMs	Date of AMP Development
23. Cold Springs	I	R. C. Roberts	468C	5/1-10/15	2157	1974
24. Tule Lake	I	Jack Estil	349C	5/1-9/30	1694	1971
		Likely Land & Livestock	757C	5/1-9/30	3370	
		Van Loan Ranch	335C	5/1-9/30	1508	
		McGarva Ranch	181C	5/1-9/30	882	
		John Espil	1000S 1000S 2000S	7/6-7/15 8/13-8/27 8/28-8/29		
		R. C. Roberts	87C	5/1-9/30	400	
25. Nelson Corral	M	McGarva Ranch	542C	5/16-9/20	2256	1975
26. South Fork	M	Likely Land & Livestock	261C	5/1-9/15	1175	
27. Said Valley	I	Julian Mapes	130C	8/25-9/6	60	1984
28. N. Ash Valley	I	Bath Trust	387C	4/16-9/30	1746	
		Fred Bath	184C 2C	4/16-9/30 4/16-9/30	760 12	
29. S. Ash Valley	I	D. M. Steel & Sons Co.	406C	5/15-9/15	1624	
30. Anderson	I	D. M. Steel & Sons Co.	23C	5/15-9/15	90	
31. S. McDonald	I	R. C. Roberts	182C	4/16-10/31	1044	
		Pierre Mendiboure	73C	4/16-10/31	475	

TABLE I (Continued)
Proposed Grazing Management

Allotment	Selective Management Category	Permittee or Leasee	No/Class	Season of Use	Active AUMs	Date of AMP Development
32. McDonald Mountain	I	Pierre Mendiboure	100C 357C	4/16-10/30 6/1-10/30	475	
33. Dry Cow	M	Likely Land & Livestock	216C	5/16-10/20	1103	1984
34. Rocky Prairie	M	Jack Estil	436C 436C	5/1-5/31 9/16-10/15	934	
35. Ryegrass Swale	M	McGarva Ranch	150C	4/16-5/30	225	
36. Six Mile Hill	I	Morris Doty	49C	4/15-6/14	147	1971
37. Archgate	M	William Opferman	40C	4/15-8/1	210	1968
38. Moon Springs	M	Floyd Bidwell	168C	4/15-7/14	504	
39. Hogback	I	Kenneth McArthur	216C	4/1-5/30	432	
40. Big Tablelands	M	Porterfield Ranch	744C	4/8-5/1	595	1968
41. Bloody Point	M	Stan Johnson	32C	5/1-7/30	96	1983
42. N. Red Rock Lake	M	Don Ericson	21C	5/15-8/1	54	1985
43. Mahogany Ridge	M	Porterfield Ranch	149C	4/15-6/30	373	1985
44. Coyote Ridge	M	Lewis Parsons	38C	4/15-7/15	115	
45. Windmill	M	Lewis Parsons	28C	4/15-7/15	85	
46. Modoc Gulch	M	Perry Langer	325S	4/15-10/1	361	
47. S. Red Rock Lake	M	Royal Taylor	29C	4/15-6/30	73	

TABLE II

Present Range Condition, Acreage, and Livestock Grazing Use

Allotment	MA	Surveyed Ecological Range Condition on Public Lands						BIM Acres	Total Acres	C/M/I Category	No. Users	No. Livestock	Season of Use	Active A/Rs
		Unsurveyed BIM Acreage	Excellent	Good	Fair	Poor	Woodland							
S. Tablelands	1	0	0	1,059	8,288	6,228	429	16,004	17,558	M	3	1,001 C	04/16 - 06/30	2,504
N. Tablelands	1	772	0	320	18,182	3,846	0	23,120	23,726	M	4	1,692 C	04/16 - 06/30	4,010
W. Field	1	0	0	0	0	624	0	624	2,960	C	1	32 C	04/16 - 06/30	0
E. Field	1	0	0	0	2,902	962	0	3,864	4,496	M	1	50 C	04/16 - 06/30	467
Signal Butte	1	0	0	0	462	623	181	1,266	1,460	M	4			0
Pine Creek Mesa	1	0	0	0	1,573	484	0	2,057	2,363	M	1	171 C	04/16 - 05/31	257
Fitzhugh Field	1	0	10	163	0	0	112	285	285	C	2	8 C	04/16 - 08/31	36
Pine Creek Field	1	0	0	0	245	105	0	350	496	C	1	12 C	04/16 - 08/31	18
Corbie Field	1	26	0	95	62	0	0	183	682	C	1	6 C	04/16 - 08/31	27
Dervin Field	1	0	0	211	37	0	133	381	928	C	1	7 C	04/16 - 08/31	32
West Fitzhugh	1	0	0	0	252	0	0	252	537	C	1	NOT LICENSED -		
Highway	1	80	0	0	0	0	0	80	80	C	1	4 C	11/01 - 11/30	4
Rye grass	2	0	0	270	1,671	0	1,686	3,627	4,296	M	1	150 C	04/16 - 05/31	225
Portuguese	2	0	0	904	2,163	125	322	3,514	5,360	I	2	347 C	05/01 - 06/15	521
S. Graves	2	0	0	273	4,217	0	8,460	12,950	20,243	I	1	450 C	04/16 - 09/30	1,652
N. Graves	2	0	0	52	1,746	495	718	3,011	4,088	I	1	148 C	04/16 - 06/30	372
Mackey	2	0	0	154	453	115	168	890	1,427	I	1	26 C	04/16 - 06/30	49
Neer	2	0	0	211	148	0	652	1,011	3,097	C	1	11 C	04/01 - 10/31	80
West Side	2	0	0	697	1,331	24	119	2,171	2,910	M	1	63 C	04/01 - 05/31	129
Bailey Dorris	2	0	0	1,317	1,453	198	0	2,968	3,676	M	1	193 C	04/01 - 05/31	386
Cutoff	2	400	0	0	0	0	0	400	430	C	1	36 Y	04/16 - 05/31	41
Rocky Prairie	2	0	0	0	3,561	0	5,021	8,582	16,231	M	1	436 C	05/01 - 10/15	934
Flournoy Individual	2	0	0	233	170	0	1,098	1,501	5,115	C	1	56 C	04/16 - 09/15	70
Bacon	3	184						184	404	C	1	6 C	04/01 - 10/31	42
Strip	3	8,307						8,307	8,500	M	1	49 C	05/01 - 09/30	245
Fisher	3	628						628	1,878	C	1	4 C	04/01 - 10/31	28
Kelley	3	81						81	633	C	1	2 C	04/01 - 07/15	7
Rimrock	3	2,437						2,437	2,913	M	2	218 C	04/10 - 05/10	218
Black Canyon Rim	3	697						697	950	C	1	13 C	05/16 - 09/30	59
S-X	3	766						766	1,079	C	1	10 C	04/01 - 10/31	56
Stevens	3	240						240	240	C	1	NOT LICENSED -		
Stull	3	480						480	480	C	1	NOT LICENSED -		
Hastings	3	360						360	360	C	1	NOT LICENSED -		
X-L	3 1/2	1,452	0	0	137	0	0	1,589	4,489	C	1	57 C	04/16 - 06/30	143
Capik	4	0	0	215	244	104	0	563	623	M	1	35 C	05/01 - 10/31	48
Christopher	4	137						137	1,010	C	1	10 C	05/16 - 06/15	10

TABLE II (Continued)

Present Range Condition, Acreage, and Livestock Grazing Use

Allotment	MA	Surveyed Ecological Range Condition on Public Lands						BIM Acres	Total Acres	C/M/I Category	No. Users	No. Livestock	Season of Use	Active AUMs
		Acreage	Excellent	Good	Fair	Poor	Woodland							
Cloud	4	0	0	0	0	0	81	81	988	C	1	3 C	06/16 - 09/15	9
Russell Slough	4	0	0	124	759	69	0	952	1,544	M	1	173 C	04/16 - 10/26	119
Roberts Creek	4	10	0	0	184	0	0	194	439	C	1	2 C	05/01 - 10/31	12
Brunnener	4	0	0	9	31	0	0	40	40	C	1	1 C	04/01 - 08/31	5
Gardner	4	12	0	284	44	0	0	340	1,252	C	1	6 C	04/01 - 09/30	23
Crowder	4	10	0	1,009	1,160	0	52	2,231	3,157	M	1	53 C	05/01 - 07/31	160
Lakeshore	4	385	0	38	137	0	0	560	943	C	1	20 C	04/16 - 05/01	10
Hagge	4	400						400	800	C	1	11 C	04/01 - 06/30	33
Hughes	4	360						360	760	C	1	50 C	04/01 - 06/30	24
Perry	4	33	0	119	0	0	0	152	1,266	C	1	24 C	05/01 - 05/31	24
Prock	4	531						531	2,393	C	1	29 C	04/16 - 06/15	58
Russell	4	36	0	83	0	0	0	119	244	C	1	4 C	04/01 - 05/31	8
Thoms Creek	4	24	0	0	289	0	0	313	313	C	1	46 C	04/16 - 05/31	69
Sternes	4	0	0	0	78	0	0	78	556	C	1	10 C	05/01 - 06/30	20
Brown Field	4	616						616	970	C	1	7 C	04/16 - 08/31	32
Porter Reservoir	4	160						160	160	C	1	15 C	04/16 - 05/15	15
Loomis	5	575						575	2,948	C	1	12 C	05/01 - 11/30	84
Chase Valley	5	2,340						2,340	2,686	C	4	180 C	04/16 - 05/31	201
Clark	5	157						157	157	C	1	4 C	05/01 - 07/31	12
Elcholz	5	189						189	7,359	C	1	9 C	04/01 - 06/30	27
Turner Canyon	5	790						790	1,412	C	2	73 C	04/01 - 05/15	110
Naury	5	814						814	1,626	C	1	100 C	04/16 - 05/15	64
Hitchens	5	2,296						2,296	4,330	C	1	25 C	04/16 - 11/15	175
Hayes Spring	5	651						651	801	C	2	104 C	04/01 - 06/15	103
Hines	5	326						326	697	C	1	13 C	04/01 - 06/30	39
Major	5	481						481	481	C	1	49 C	04/16 - 05/30	73
S. Juniper	5	481						481	492	C	1	64 C	04/16 - 04/30	32
Knudson	5	242						242	242	C	1	9 C	05/16 - 09/15	36
Kramer	5	821						821	1,554	C	1	200 C	04/16 - 05/30	125
Dibble Hill	5	485						485	1,305	M	1	28 C	04/16 - 05/15	28
North Dibble	5	544						544	751	C	1	35 C	09/01 - 10/31	53
Harper Hill	5	0	0	71	199	0	263	533	2,186	C	1	18 C	04/16 - 09/30	86
Barber Canyon	5	388						388	623	C	1	- NOT	L I C E N S E D -	0
Radio Hill	5	80						80	80	C	1	2 C	09/01 - 10/31	4
Reclamation	5	0	0	0	163	0	0	163	210	C	1	11 C	04/16 - 05/30	16
South Barber	5	0	0	0	80	0	0	80	80	C	1	- NOT	L I C E N S E D -	0

TABLE II (Continued)

Present Range Condition, Acreage, and Livestock Grazing Use

Allotment	MA	Surveyed	Ecological Range Condition on Public Lands					BLM Acres	Total Acres	C/M/I Category	No. Users	No. Livestock	Season of Use	Active AUMs
		Unsurveyed	BLM Acreage	Excellent	Good	Fair	Poor							
Round Valley	5	0		0		228	0	228	304	C	1	25 C	04/16 - 10/31	61
Indian Peak	5	655						655	1,105	C	1	8 C	04/16 - 09/30	44
Dowell Canyon	5	312						312	1,200	C	1	- N O T L I C E N S E D -		0
Memath	5	605						605	2,278	C	1	31 C	04/01 - 05/15	46
N. Juniper	5	1,728						1,728	1,974	C	1	105 C	04/01 - 06/15	263
Monchamp	5	86						86	89	C	1	2 C	05/01 - 07/30	6
Myers	5	155						155	284	C	1	2 C	04/16 - 10/31	13
Barrows	5	714						714	2,974	M	1	47 C	04/16 - 06/30	69
Butte Creek	5	443						443	527	C	1	41 C	04/16 - 05/16	42
Piper	5	73						73	312	C	1	2 H	04/16 - 09/15	10
Roberts Reservoir	5	1,062						1,062	2,958	C	1	12 C	05/01 - 08/15	43
Roberts Individual	5	320						320	481	C	1	61 C	04/16 - 05/15	61
Pilot Butte	5	140						140	275	C	1	30 C	04/16 - 05/15	43
Big Valley Mountain	62/	0	0	0	0	0	4,137	4,137	4,137	C	1	40 C	04/16 - 06/15	21
Babcock	7	0	0	0	0	0	551	551	2,641	C	2	20 C	04/16 - 06/16	40
W. Beaver Creek	7	505	0	105	5,637	82	1,042	7,371	7,901	C	3	223 C	04/16 - 06/30	558
Dixie Valley	7	0	0	538	5,830	5,419	4,545	16,332	23,066	M	1	740 C	04/01 - 12/30	1,291
Bald Mountain	7	0	0	322	2,885	792	2,263	6,262	8,081	I	1	261 C	04/17 - 05/30	18
Avery	7	0	0	0	122	0	0	122	122	C	1	25 C	05/01 - 05/30	18
E. Beaver Creek	7	342	0	0	186	2,019	624	3,171	3,979	C	1	504 C	04/16 - 05/31	756
Bend	7	0	0	0	686	0	0	686	1,406	C	1	33 C	04/16 - 05/31	50
Thompson	7	0	0	352	2,309	0	2,280	4,941	6,801	I	1	502 C, 6 H	04/01 - 10/31	613
Muck Valley	7	4,915	0	226	120	1,548	4,845	11,654	20,090	I	1	343 C	05/04 - 08/15	1,371
Plantation	7	0	0	0	120	226	1,097	1,443	1,540	C	1	267 C	04/16 - 05/15	267
Dixon Hill	7	320						320	640	C	1	30 C	05/16 - 06/30	30
Muck Valley	83/	0		307	2,872	1,118	2,038	6,335	6,335			- SEE ALLOTMENT SUMMARY IN MA 7 -		
E. Beaver Creek	83/	0			525			525	525			- SEE ALLOTMENT SUMMARY IN MA 7 -		
River Pasture	8	0		120	715	59	2,391	3,285	5,474	I	1	190 C	04/17 - 05/30	285
Thompson	83/	160			400		40	600	600			- SEE ALLOTMENT SUMMARY IN MA 7 -		
Round Barn	8	830						830	1,740			- N O T L I C E N S E D -		0
Temo/Lane	9	0	3,861	0	2,518	0	0	6,379	14,120	I	1	574 C	06/10 - 10/20	531
Lower Highway	9	636						636	636	C	1	80 C	06/01 - 06/30	160
Fillman-Diablo	10	599		130	546		349	1,624	5,504	C	1	30 C	05/01 - 09/30	150
Silva Flat	10	0	0	7, 824	4,254	30	2,642	14,750	18,097	M	4	290 C, 4 H	05/01 - 09/30	1,249
Daisy Dean	10	0	0	2 90	7	0	177	474	609	C	1	17 C	05/16 - 09/30	80
Hencraft	10	0	0	439	94	0	684	1,217	10,914	C	1	32 C	05/15 - 09/05	154

TABLE II (Continued)

Present Range Condition, Acreage, and Livestock Grazing Use

Allotment	MA	Surveyed Ecological Range Condition on Public Lands						BLM Acres	Total Acres	C/M/I Category	No. Users	No. Livestock	Season of Use	Active AUMs
		BLM Acreage	Excellent	Good	Fair	Poor	Woodland							
Cold Springs	10	774	84	12,823	3,681	0	316	17,678	18,839	I	1	468 C	05/01 - 10/15	2,157
Cramer	10	645						645	987	C	1	9 C	04/16 - 08/15	36
Marr	10	73						73	219	C	1	1 C	04/16 - 08/15	4
Crabtree	10	340						340	660	C	1	27 C	05/01 - 10/15	15
S. McDonald	10	1,059	1,428	4,531	4,230	12	0	11,260	11,990	I	2	255 C	04/16 - 10/30	1,616
McDonald Mtn.	10	466	0	2,423	7,196	0	2,191	12,276	14,126	I	1	401 C	04/16 - 10/30	2,608
Coffin	10	586	0	0	711	0	0	1,297	2,217	C	1	10 C	04/16 - 10/30	70
Brockman	10	0	0	70	484	0	433	987	5,880	C	1	20 C	04/16 - 10/30	130
Hall Field	10	0	0	1,257	0	0	0	1,257	2,510	C	1	59 C	04/16 - 09/15	192
Dry Cow	10	0	0	5,203	0	0	0	5,203	6,338	M	1	216 C	05/16 - 10/20	1,103
Mitchell Hill	10	0	0	2,672	3,103	0	1,800	7,575	8,041	M	4	179 C	04/16 - 09/15	867
Tule Lake	10	542	1,914	17,938	20,043	268	8,185	48,890	59,783	I	6	1,925 C	05/01 - 09/30	9,054
Deep Canyon	10	1,570	0	370	63	0	395	2,398	4,812	C	1	45 C	04/16 - 09/15	225
Warm Springs	10	0	0	606	341	0	156	1,103	4,114	C	1	76 C	04/16 - 08/15	128
Nelson Corral	10	2,556	0	4,469	5,486	0	856	13,367	16,881	M	1	542 C	05/16 - 09/20	2,256
South Fork	10	0	0	422	866	0	2,516	3,804	5,649	M	1	261 C	05/01 - 09/15	1,175
N. Ash Valley	10	0	4,104	7,712	1,826	0	3,539	17,181	25,577	I	2	571 C	04/16 - 09/30	2,505
S. Ash Valley	10	0	2,481	2,057	3,746	0	8,540	16,824	21,557	I	1	406 C	05/15 - 09/15	1,624
Anderson	10	0	0	499	376	0	0	875	1,465	I	1	17 C	04/16 - 09/30	90
Wing	10	0	0	1,681	52	0	428	2,161	6,154	C	1	1,000 S	05/16 - 10/25	372
Dry Valley	10	0	0	871	377	0	1,052	2,300	5,477	C	1	113 C	04/16 - 09/30	273
Said Valley	10	0	23	406	25	0	372	826	1,881	M	1	130 C	08/25 - 09/06	60
Summit/Williams	10	0	112	30	735	0	958	1,835	7,826	C	1	28 C	05/01 - 09/30	140
Clarks Valley	10	115						115	935	C	1	6 C	05/01 - 09/30	30
West Coyote					434	5	360	439	439	C	1	10 C	05/01 - 07/30	30
Day					360			360	360	C	1	17 C	05/01 - 05/31	17
W. Sheep Mtn.					1,783	30		1,813	1,813	C	1	112 C	04/15 - 05/15	227
Peterson Ranch				23	360			383	400	C	1	18 C	04/15 - 06/30	46
Cayton				20	275	85		380	395	C	1	2 C	03/01 - 02/28	24
Rattlesnake Butte						452		452		C	1	13 C	05/01 - 07/31	41
Popcorn Cave							9,166		9,166	C	1	126 C	04/15 - 06/14	252
Cinder Pit							640		640	C	1	31 C	04/15 - 06/14	63
Archgate				58	2,066			4,164	4,164	M	1	50 C	04/15 - 08/20	210
Six Mile Hill				168	395	221		784	1,000	M	1	49 C	04/15 - 06/14	98
Moon Springs														

TABLE II (Continued)

Present Range Condition, Acreage, and Livestock Grazing Use

Allotment	Surveyed Ecological Range Condition on Public Lands						BLM Acres	Total Acres	C/M/I Category	No. Users	No. Livestock	Season of Use	Active AUMs
	MA	Acreage	Excellent	Good	Fair	Poor							
Crystal Lake				176	109		285	590	C	1	5 C	04/01 - 10/30	35
Conrad					1,552	22	1,574	2,240	C	1	50 C	04/15 - 06/14	100
N. Red Rock Lake				161	385	606	1,279	1,279	M	1	21 C	05/15 - 08/01	54
Mt. Hebron						160	160	160	C	1	1 C	03/01 - 02/28	12
Four Corners					130	210	130	660	C	1	16 C	06/01 - 09/15	56
Hot Springs					91		301	1,126	C	1	41 C	04/15 - 06/14	125
Saddle Mountain					1,259	452	1,711	1,711	C	1	30 C	04/01 - 05/30	60
Starvation Gulch				600			600	600	C	1	25 C	05/01 - 06/30	20
West Dome					480	1,036	2,380	2,380	C	1	33 C	04/15 - 06/30	84
W. Bloody Point					15	27	77	2,328	C	1	4 C	04/15 - 07/01	12
Bloody Point					504	30	559	559	M	1	32 C	05/01 - 07/30	96
Bryant Mountain					103	1,784	2,530	2,530	C	1	44 C	03/01 - 02/28	528
Loveness						532	685	685	C	1	50 C	04/15 - 07/30	152
Modoc Gulch					571	638	2,197	2,197	M	1	325 C	04/15 - 10/01	361
Hogback					471	1,897			I	1	216 C	04/01 - 05/30	432
N. Sheepy						120	120	120	C	1	2 C	04/15 - 07/01	5
Big Tablelands				595	60	2,864	7,214	7,214	M	1	185 C	04/15 - 05/14	595
Lower Lake						418	418	418	C	1	12 C	05/01 - 07/15	30
Mt. Dome				20	90	350	1,422	1,422	C	1	29 C	09/01 - 12/30	116
Mahogany Ridge				74	3,565	249	4,699	4,699	M	1	149 C	04/15 - 06/30	373
Lava Flow						790	965	965	C	1	55 C	04/15 - 06/30	139
W. Panhandle						510	720	720	C	1	12 C	09/01 - 12/30	48
Coyote Ridge				211		1,280	1,742	1,742	M	1	38 C	04/15 - 07/15	115
Windmill					189	356	1,340	1,340	M	1	28 C	04/15 - 07/15	85
Barnetop						760	760	760	C	1	225 C	04/15 - 06/30	134
S. Sheepy						320	320	320	C	1	7 C	04/15 - 07/01	18
S. Red Rock Lake				109	15	124	1,160	1,160	M	1	29 C	04/15 - 06/30	73
W. Mahogany				82	251	635	2,809	2,809	C	1	50 C	05/01 - 09/15	224
Red Rock Valley					246	295	1,446	1,446	C	1	84 C	04/15 - 06/30	211
Casuse Mountain						160	160	160	C	1	15 C	04/01 - 05/31	30
TOTAL		54,840	15,164	89,832	164,072	37,908	91,103	444,203	649,249	201	20,443		55,878

- 1/ X-L Allotment is divided by Highway 395 between MA 3 and 4. (80 AUMs and 63 AUMs, respectively.)
- 2/ Big Valley Mountain Allotment is in MA 6 and MA 7.
- 3/ Portions of Muck Valley, Thompson, and E. Beaver Creek are in MA 7 and MA 8.

